

# The Gazette of India



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## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE Patents and Designs

Calcutta, the 9th December 1961

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

22nd November 1961

79448. Southern Bleachery and Print Works, Inc. Improvements in industrial method and product.

79449. Westinghouse Electric Corporation. Semiconductor devices. (26th April 1961).

79450. Shell Internationale Research Maatschappij N. V. Organic liquids with increased electrical conductivity.

79451. United States Steel Corporation. Method of making sheet steel and lubricant-protective composition useful therein.

79452. W. E. O'Shei. Automatic thermal switches. (28th November 1960).

79453. S. A. Glaverbel. Process and apparatus for heating molten materials by injection of flames into the bath.

79454. The Mining Engineering Company Limited. Improvements relating to belt conveyors. (10th December 1960).

79455. The Distillers Company Limited. Plastic cartridge cases. (15th December 1960).

79456. General Aniline & Film Corporation. Production of sulfoxides and sulfones. (22nd December 1960).

79457. Mefina S.A. Sewing machine for producing stitches forming various designs. (26th November 1960).

79458. Tokyo Shibaura Denki Kabushiki Kaisha. Electric discharge gap devices.

79459. Dorr-Oliver Incorporated. Apparatus for subdividing a fluid stream into a plurality of smaller streams.

79460. Deering Milliken Research Corporation. Textile handling arrangement.

79461. General Mills, Inc. 6, 16-dialkyl-17-oxygenated steroids.

79462. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Processes for treating organic residues.

79463. G. R. Sharma. Production of measuring pieces such as a foot rule, protractor or like instruments or tables.

23rd November 1961

79464. K. S. Kalsi. The preparation of gold by a process called 'balu jantar'.

79465. Nand Kishore Gupta. Improved method of locking cotters on spindles and pins.

79466. J. R. Prentice. Storage container.

79467. Armstrong Patents Co. Limited. Improvements in or relating to adjustable hydraulic shock absorbers. (1st December 1960).

79468. Anstalt fur die Entwicklung von Erfindungen und gewerblichen Anwendungen Energia. Percussion fuse for projectile.

79469. S. A. Glaverbel. Method of and apparatus for pre-heating vitrifiable batch.

79470. Desalination Plants (Developers of Zarchin Process) Ltd. Methods, systems, and apparatus for separating a solute in substantially pure form from solutions. (1st November 1961).

79471. Desalination Plants (Developers of Zarchin Process) Ltd. Evaporating and condensing chambers and compressor apparatus. (1st November 1961).

79472. E. S. & A. Robinson (Holdings) Limited. Containers made of coated sheet materials. (24th November 1960).

79473. L. & C. Steinmuller G.M.B.H. Improvements relating to furnace walls in overcharge boilers.

79474. Yawata Iron & Steel Co. Ltd. and T. Sasabe. Process for separating non-molten slag from titanium containing iron sands.

79475. Yawata Iron & Steel Co. Ltd. and T. Sasabe. Process for separating non-molten slag from nickel chromium containing iron ores.

79476. K. Kusaka. Nodular graphite cast iron containing calcium, rare earth metals and magnesium.

24th November 1961

79477. The Hairlok Company Limited. Improvements in and relating to rubberised hair. (1st December 1960).

79478. British Telecommunications Research Limited. Improvements in or relating to electrical signalling system. (2nd December 1960).

79479. Glaxo Laboratories Limited. Chemical process. (2nd December 1960).

79480. Dunlop Rubber Company Limited. Improvements relating to the production of articles of resilient cellular materials. [Addition to No. 58023].

79481. T. Pietsch. Process for increasing the thermal insulating properties of vitreous materials and their adhesion to coherent substances. (25th November 1960).

79482. Zavody V.I. Lenina Plzen, Narodni Podnik. Stream mixer.

79483. Tesla, Narodni Podnik. Method and device for maintaining stationary position of a ferromagnetic body freely floating in electromagnetic field.

79484. Metallgesellschaft Aktiengesellschaft. Process for recovering residual solid carbon remaining after iron ore reduction.

79485. Forsheda Gummifabrik Aktiebolag. Improvements in or relating to seals and a method of making seal rings.

79486. The Pyrene Company Limited. Improvements relating to the treatment of metallic surfaces.

79487. The Pyrene Company Limited. Improvements relating to the cleaning and phosphate coating of metallic surfaces.

79488. The Pyrene Company Limited. Improvements relating to the coating of metals.

79489. Vickers-Armstrongs (Engineers) Limited. Improvements in or relating to nuclear reactors. (25th November 1960).

79490. Ciba Limited. Process for dyeing and printing textiles.

79491. Ciba Limited. New vat dyes and process for their manufacture.

79492. Deutsche Tafelglas Aktiengesellschaft Detag. Method and apparatus for producing molded plastic goods with reinforcing inserts.

79493. H. Ichinose. Automatic screen printing machine by vacuum method.

79494. S. C. Kale. An improved bed-stead or the like.

25th November 1961

79495. Leybold-Hochvakuum-Anlagen GmbH. Apparatus for removing condensable vapours and a method of operating such apparatus.

79496. United States Atomic Energy Commission. Aluminum cladding dissolution.

79497. S. A. Vickers Limited. Improvements in or relating to copper plating. (8th December 1960).

79498. United Kingdom Atomic Energy Authority. Improvements in or relating to nuclear reactors and to fuel elements therefor. (8th December 1960).

79499. British Cellophane Limited. Improvements in or relating to the production of heat-sealable moisture proof wrapping materials. (12th December 1960).

79500. Farbenfabriken Bayer Aktiengesellschaft. Diazoamino compounds and process for the production thereof.

79501. Stamicarbon N. V. Method of and apparatus for separating particles of different specific gravity.

79502. Stamicarbon N. V. A jig washer.

27th November 1961

79503. D. P. Agarwal and M. P. Agarwal. An improved wick stove.

79504. Shell Internationale Research Maatschappij N. V. Process for the removal of asphaltenes and ash-forming constituents from residual petroleum fractions.

79505. Office National Industriel De L'Azote. Manufacture of trichlorocyanuric acid.

79506. S. A. Glaverbel. Apparatus for melting products such as glass and method of working the same.

79507. J. R. Geigy A.-G. Synergistic stabilization of polypropylene.

79508. J. R. Geigy A.-G. Process for the production of phenyl pyrasoline carboxylic acid esters.

79509. The Goodyear Tire & Rubber Company. Improvements in pneumatic tire.

79510. The Goodyear Tire & Rubber Company. Improvements in adhesion of a reinforcing element to a rubbery composition.

79511. The Goodyear Tire & Rubber Company. Improvements in tire fabric.

79512. Shell Internationale Research Maatschappij N. V. Process for the preparation of mixtures consisting mainly of polymers and/or copolymers.

79513. Automatic Telephone & Electric Company Limited. Improvements in or relating to electrical devices for the storage of digital information. (7th December 1960).

79514. Siemens & Halske Aktiengesellschaft. Improvements in or relating to communication systems. (9th June 1961).

79515. Siemens & Halske Aktiengesellschaft. Improvements in or relating to communication systems. (9th June 1961).

79516. Siemens & Halske Aktiengesellschaft. Improvements in or relating to communication systems. (9th June 1961).

79517. Siemens & Halske A. G. Improvements in or relating to communication systems. (9th June 1961).

79518. Siemens & Halske Aktiengesellschaft. Improvements in or relating to communication systems. (9th June 1961).

79519. I. C. P. M. Industrie Chimiche Porto Marghera S.p.A. Fluid tight packing device for rotating surfaces performing a relative motion to each other.

79520. Great Lakes Carbon Corporation. Process of supporting and cooling shaped hot metal.

79521. Veb Farbenfabrik Wolfen. Process for the production of S-trithianes. (19th October 1961).

79522. Drummond Patents Limited and R. M. Drummond. Improvements in and relating to method and apparatus for purifying or washing air or other gas.

79523. The Metal Box Company Limited. Improvements in or relating to containers.

79524. Morgardshammars Mek. Verkstads Aktiebolag. Arrangement of rolling mills.

79525. Austin S. Beech & Company Limited. Improvements in or relating to apparatus for controlling series of operations.

79526. Aluminium-Industrie-Aktien-Gesellschaft. Electrolytic cells for the production of aluminium.

79527. County Laboratories Limited. Improvements relating to dispensers for viscous fluids.

79528. Farbenfabriken Bayer Aktiengesellschaft. Pigment binder dyeing process. (6th October 1961).

79529. Ciba Limited. New derivatives of carbamic acid and their manufacture and use.

79530. Ciba Limited. New vat dyestuffs and process for their manufacture.

79531. Ciba Limited. New vat dyestuffs and process for their manufacture.

79532. Ciba Limited. New vat dyestuffs, their manufacture and use.

79533. Ciba Limited. Process and preparation for dyeing polyhydroxylated materials.

79534. Ciba Limited. Process for dyeing and printing synthetic fibrous material.

79535. Ciba Limited. New dyestuffs containing triazine groups and process for their manufacture.

79536. Tanabe Seiyaku Co. Ltd. Benzophenone-2-carboxylic acid addition salts of 1-methyl-3-(di-2-thienylmethylene) piperidine.

79537. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Manufacture of phenolic resins.

79538. F. Smetacek. Improvements in or relating to backrests.

79539. N. P. Asher. Improvements in or relating to torch lights.

79540. K. P. Varma, L. S. Varma, Kmla Devi, S. K. Varma and J. K. Varma. Improvements in or relating to air-borne crafts.

28th November 1961

79541. Metal Cladding, Inc. Reinforced plastic storage tanks and method of making same.

79542. P. C. C. Electrically insulated rail fastener.

79543. Imperial Chemical Industries Limited. Improved surface coatings. (19th December 1960).

79544. Sterling Drug Inc. Compounds and preparation thereof.

79545. Stamicarbon N. V. Apparatus for determining the reflection coefficient of a substance.

79546. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of producing solid electrolytic capacitors of the kind comprising an aluminium anode and capacitors produced by these methods.

79547. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to wire winding devices.

79548. The De Havilland Aircraft Company Limited. Improved rotary fluid flowmeter sensing element. (5th June 1961).

79549. Dravo Corporation. Improvements in or relating to method of and apparatus for reduction of ore.

79550. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Antitussive composition and process for the manufacture thereof.

79551. Ciba Limited. New vat dyestuffs and process for their manufacture.

79552. Ciba Limited. New vat dyestuffs and process for their manufacture.

79553. Ciba Limited. Process for dyeing or printing fibrous materials.

79554. Deccan Gas Corporation. The method for quick ash removal from gases formed in a gas producer.

79555. H. M. Trivedi. The manufacture of potassium hydroxide.

79556. H. M. Trivedi. The manufacture of potassium nitrate.

79557. H. M. Trivedi. The manufacture of potassic fertilizers (commercial).

79558. H. M. Trivedi. The manufacture of special type of gypsum cement.

#### Alteration of Date

71964. The claim to priority date 17th June 1959 has been abandoned and the application dated as of 27th May 1960, the date of filing in India.

71966. The claim to priority date 4th June 1959 has been abandoned and the application dated as of 27th May 1960, the date of filing in India.

72021. The claim to priority date 11th June 1959 has been withdrawn and the application dated as of 31st May 1960, the date of filing in India.

72500. The claim to priority date 10th July 1959 has been abandoned and the application dated as of 7th July 1960, the date of filing in India.

77395. Ante-dated to 30th March 1960 under Section 5 of the Act.

77882. Ante-dated to 23rd May 1960 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

70848. Aktiebolaget Farming. Improvements in or relating to a device for attaching trailed vehicles or implements to a tractor. Accepted on 22nd November 1961.

Comprises a frame member having a connection for exerting lifting force and creating a complementary force in the link means to maintain lifting force constant.

70865. Spencer Chemical Company. Catalysts compositions and process for producing poly-1-olefins therewith. Accepted on 22nd November 1961.

Polymerising 1- $\phi$  olefins in presence of ziegler-type catalyst combined with polyamines, polyethers or aminoethers as additives.

70873. S. Messerschmidt. Improvements in and relating to the manufacture of ball bearing races and other annular profiled blanks. Accepted on 22nd November 1961.

As initial product, a geometrically exactly shaped ball is used, said ball being shaped by pressing into at least one bearing race.

70961. P. S. Banarse Industries (India) Private Limited. Improvements in or relating to tumbler switches. Accepted on 27th November 1961.

Having contact pillar with plane upper section and externally threaded lower section which engages a recess in the base and is held by a nut mounted thereon, and below the contact plate there is a spring plate connected to pillar so that in the on position the dolly releases its pressure on the plates and the spring plate is sprung up to establish contact by contact plate with open contact plate.

71219. A. C. Padamsee. Improvements in or relating to vacuum flasks. Accepted on 27th November 1961.

On the neck portion of the flask canister, two or more cups are adapted to nest one above other on threads provided on the neck portion.

71342. Sales and Development Company of National Distillers and Chemical Corporation (International) S.A. Method and sealing device for wrapping articles in thermoplastic film. Accepted on 27th November 1961.

Sealing device having means covering a heated plate surface which presents resistance for sliding thermoplastic film at sealing temperature which is less than the resistance to cause the film to tear.

71882. Shell Internationale Research Maatschappij N. V. Process for the vulcanization of elastomeric copolymers of mono-alpha-olefins, copolymers thus vulcanized and articles composed of said copolymers. Accepted on 23rd November 1961.

Vulcanising rubber and rubber like materials vulcanisation of elastomers of copolymers of olefins.

71885. H. W. Burrrington. Explosive charge having upgraded power factors and process of mining using the same. Accepted on 24th November 1961.

Charge contains a cavernous structure of an electron-conducting material in which is distributed an explosive material.

71887. J. R. Geigy A.-G. New derivatives of iminodibenzyl and process for the production thereof. Accepted on 23rd November 1961.

An iminodibenzyl is reacted with a reactive ester of an alcohol in the presence of an alkaline condensing agent.

71922. Inventa A.G. Fur Forschung Und Patentverwertung. Process for the production of linear copolymers. Accepted on 25th November 1961.

Polycondensing carbonates of *w*-oxyalkyl esters of aromatic oxyacrylic acids with bis-*w*-oxyalkyl esters of dicarboxylic acids.

71944. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of phenylacetic acid. Accepted on 23rd November 1961.

Benzyl cyanide is gradually added to concentrated hydrochloric acid which is preheated to 51-70°C.

71950. The General Electric Company Limited. Improvements in or relating to voltage regulating apparatus. Accepted on 23rd November 1961.  
*Comprises a plurality of transductors connected across the supply, wherein the regulation of the supply voltage can be effected by suitable variation of the reactances of the transductors.*

71964. Imperial Chemical Industries Limited. Process for the manufacture of hydrazine derivatives and pharmaceutical and veterinary compositions containing the same. Accepted on 25th November 1961.  
*An isothiocyanate is reacted with a substituted semicarbazide.*

71966. British Celanese Limited. Therapeutic compositions and the production of compounds for use therein. Accepted on 27th November 1961.  
*Comprising a bis (hydroxymethyl)-cyclohexene dicarbamate and a carrier.*

71974. L. D. Abramovich. A tamping projectile device. Accepted on 27th November 1961.  
*Characterized in that a preliminarily compressed elastic plug for instance a rubber plug is placed inside the cylinder and is ejected from with the cylinder into the well by the pressure of gases generated by lashing the gunpowder charge.*

71992. The English Electric Company Limited. Improvements in and relating to electric time delay circuits. (11th June 1959). Accepted on 27th November 1961.  
*Comprising a pair of output terminals, a capacitor connected thereacross, one input terminal and connecting means between the output terminal and one side of the capacitor including a rectifier.*

72014. Imperial Chemical Industries Limited. Polymer compositions. (5th June 1959). [Addition to No. 65617]. Accepted on 23rd November 1961.  
*Comprising polypropylene, carbon black and zinc dibutyl dithiocarbamate.*

72021. C. A. V. Limited. Liquid fuel pumps for compression ignition engines. Accepted on 28th November 1961.  
*Of the kind having combined therewith a longitudinally movable regulating rod for determining the rate of delivery of the pump and a stop for limiting movement of the rod in one direction so as to determine the maximum rate of delivery of the pump.*

72036. Automatic Coal Cleaning Company Limited. Improvements relating to continuous vacuum filters. (9th June 1959). Accepted on 22nd November 1961.  
*Comprising a filler bath, a valve therein for the controlling the application of a vacuum to the disc or drum sections of the filler and a float in bath.*

72037. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of periodic copolymers. Accepted on 28th November 1961.  
*Polymerizing with catalysts giving the rising macromolecule chains a high long life energy term.*

72038. Food Machinery and Chemical Corporation. Process for manufacture of hydrogen peroxide. Accepted on 28th November 1961.  
*By reduction and oxidation of alkylated anthraquinone in the presence of ammonia or an ammonium salt.*

72040. Molins Machine Company Limited. Improvements in or relating to tobacco-manipulating machines. (3rd June 1959). Accepted on 27th November 1961.  
*Comprising means to form a tobacco filler, a trimming device and to provide to ascertain variations in the quantity of surplus tobacco.*

72044. Morgardshammar Mekaniska Verkstads Aktiebolag. A method of producing hot rolled and a device for carrying out the method. (11th April 1960). Accepted on 28th November 1961.  
*Characterised in that the rolling material is directed into closed section and steered with in the same and then through the channel section to cooling bed.*

72049. Molins Machine Company Limited. Improvements in or relating to tobacco-manipulating machines. (3rd June 1959). Accepted on 27th November 1961.  
*Comprising means to form tobacco filler means to convey it lengthwise, means for sensing variations of a characteristic of, or associated with it means responsive to short-term variations of the characteristic, means responsive to long-term variations of the same, the short term and long-term responsive means being connected in the additive sense to control means operable on the tobacco filler to reduce variations of the filler.*

72061. Frenkel C. D. Aktiengesellschaft. Improvements in pulverising mills. (5th June 1959). Accepted on 28th November 1961.  
*Balls supported on an annular track are guided and loaded by a ring concentric with track and means for effecting relative rotation between table and loading ring.*

72062. Vdo Tachometer Werke Adolf Schindling G.M.B.H. Device for operating the cleansing equipment of wind protecting panes. Accepted on 23rd November 1961.  
*Foot actuated lever operating electric switch controlling the windscreen, has an opening complementary to pressure extension of pump.*

72063. S. C. Jain. Improvements in or relating to the manufacture of earthenware pipes. Accepted on 22nd November 1961.  
*Number of earthenware pipes of progressively decreasing diameter are coaxially arranged one within the other and then stacking pipes of same diameter one over the other on the coaxially arranged pipes to form, column of pipes of different diameter leaving number of annular columns for the flues of the kiln.*

72085. Phillips Petroleum Company. Recovery of acetylene. Accepted on 28th November 1961.  
*Contacting a gas stream containing acetylene, water diacetylene and heavier acetylene through a series of lean selective solvent to recover acetylene.*

72153. Kinex, narodni podnik. Multipurpose magnetic holder with permanent magnet. (3rd March 1960). Accepted on 28th November 1961.  
*Characterised in that the axis of rotation of the magnet is parallel to the axis of the holding rod and the magnet is held in an "overhung" position at that side of the holder where the holding rod emerges.*

72205. Aluminium Research Corporation. Billet casting method and apparatus. Accepted on 22nd November 1961.  
*Introducing molten metal in the open ended hollow mold through feed tube, moving the mold and the feed tube relative to one another in a definite stroke as the metal is supplied.*

72248. The Moulded Hair Company Limited. Foam rubber cushioning. Accepted on 25th November 1961.  
*Comprising uniformly spaced casings extending from inwardly from the bottom and the top but separated from each other having void area between 2 and 20 per cent.*

72265. Pirelli Societa Per Azioni. Improvements in or relating to submarine electric cables. (1st April 1960). Accepted on 28th November 1961.  
*The external surface of the sheaths being so shaped that they interlock and mutually resist rotation.*

72347. N. V. Philips' Gloeilampenfabrieken. Composition for combating mites. Accepted on 23rd November 1961.

*Comprising bis (N,N-dimethylamido) pentachloro phenyl phosphate and a carrier therefor.*

72398. Farbenfabriken Bayer Aktiengesellschaft. Aqueous dispersions of self-cross-linking copolymers. (13th May 1960). Accepted on 28th November 1961.

*Copolymerising the monomers (0.5 to 10% by weight of an olefinically unsaturated monomer having a hydrophilic group; 0.5 to 15% by weight of monomers containing self-cross linking groups, and 75 to 99% by weight of further olefinically unsaturated monomers which are free from hydrophilic or of the self-cross linking groups) in aqueous dispersions is in a non-ionic emulsifying agents.*

72408. Council of Scientific and Industrial Research. A process for separation and isolation of the aromatic principles of abelmoschus moschatus seeds. Accepted on 23rd November 1961.

*Extracting aromatic principles of abelmoschus moschatus seeds with alcoholic solvents.*

72440. Ciba Limited. Process for the manufacture of new esters. Accepted on 28th November 1961.

*Reacting aliphatic fluoroalkanols with phosphoric acid or a reactive derivative thereof.*

72473. Lepetit S.p.A. Production of rifomycin. (20th July 1959). Accepted on 23rd November 1961.

*Fermenting a strain of streptomyces mediterranei in a nutrient medium in presence of barbiturates.*

72476. Westinghouse Brake & Signal Company Limited. Improvements relating to electro-pneumatic braking apparatus. (31st July 1959). Accepted on 25th November 1961.

*Valve arrangement comprises a triple valve device and includes a movable pressure sensitive element as part of the device and separating two chambers, a changeover valve and electromagnetically operated valve means.*

72477. Imperial Chemical Industries Limited. Production of organosilanes by redistribution. (31st July 1959). Accepted on 28th November 1961.

*Reacting one or more silanes having alkyl or aryl groups and halogen group with one or more silanes having alkyl or aryl groups and halogen group in the presence of organoaluminium complex.*

72488. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to alloying-jigs for alloying contacts to semi-conductor bodies. Accepted on 25th November 1961.

*Jig consists at least partially of molybdenum the surface of which is provided at least partially with a film of refractory non-metallic material not reducible by hydrogen.*

72500. Austland Limited. Improvements in and relating to devices for charging gas into high pressure vessels especially discharge devices for blasting purposes. Accepted on 25th November 1961.

*Comprising storage vessels containing compressed air or gas, means efforting communication between each of the vessels and vessel to be charged, and means for successively opening and closing the communication between each of a series of storage vessels individually and the vessel to be charged until the required pressure in vessel is reacted or device is discharged.*

72505. Rohm & Haas Company. Vinylthioalkyl unsaturated carboxylates. Accepted on 28th November 1961.

*A vinyl thio alkyl alcohol is reacted with an esters of an unsaturated carboxylic acid in the presence of transesterification or alcoholysis catalyst and if desired, the product is subjected to homopolymerising or copolymerising conditions.*

72511. Ciba Limited. Process for preparing stable aqueous pigment dispersions. Accepted on 28th November 1961.

*Consists in mixing an aqueous pigment filter cake with non-ionic dispersant and treating the resulting mixture with a metal alkali hydroxide.*

72514. Ciba Limited. New amino alkanols, and their manufacture, and preparations containing the same. Accepted on 23rd November 1961.

*Incorporating into aliphatic compounds of low molecular weight containing at least one of the three substituents fluorine a free or substituted hydroxyl groups and a free or substituted amino group the others of the three said substituents.*

72535. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for vulcanizing olefin polymers and copolymers with organic percompounds in the presence of acid fillers. Accepted on 23rd November 1961.

*Mixing copolymer with acid filler, adding the mix with 0.2 to 30% of basic corrective substance, working between 5 and 20 minutes and finally vulcanising after addition of sulphur and per-compound.*

72538. Montecatini Societa Generale Per L'Industria Mineraria E Chimica and K. Ziegler. A process for preparing ethylene-propylene and ethylene-butene copolymers. Accepted on 23rd November 1961.

*Effecting polymerisation in presence of a molecular weight regulator comprising organometallic compound of a metal other than aluminium or berillium of Gr. I, II or III Periodic Table.*

72598. Ciba Limited. Process for the manufacture of quinacridone pigments in a finely divided form. Accepted on 27th November 1961.

*Crude pigment is ground with an organic solvent and the solvent is removed to give pulverulent pigment.*

72632. The Singer Manufacturing Company. Thread pull-off for sewing machines. Accepted on 22nd November 1961.

*A thread pull off element on the needle bar driving link having a thread engaging free end movable in a plane parallel to the plane of movement of the link.*

72687. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of vitamin B<sub>12</sub> derivatives. Accepted on 27th November 1961.

*Cobyric acid-abcdeg-hexamide is condensed with an amine.*

72838. The British Oxygen Company Limited. Improvements in fusion welding. (14th August 1959). Accepted on 25th November 1961.

*Before welding, the metal plate or sheet is bent along a line parallel to its edge to deform the portion of the plate, sheet or strip between this line and the edge towards the weld backing member.*

72839. Imperial Chemical Industries Limited. New phthalocyanine dyestuffs. (10th August 1959). Accepted on 28th November 1961.

*An aqueous suspension of a phthalocyanine sulphonchloride is treated with ammonia and -haloalkylamine.*

72937. American Radiator & Standard Sanitary Corporation. Improvements in or relating to a batch process of edge plating aluminium ribbon with material that is readily soldered to other materials. Accepted on 25th November 1961.

*Aluminium ribbon in the roll form is coated with zinc over the side surface and then a readily solderably metallic material is coated on zinc and the ribbon cut along the longitudinal axis.*

72994. Radio Corporation of America. Semiconductor junction device and method of fabricating the same. Accepted on 28th November 1961.  
*Comprising separately preheating wafer while exposing one major face thereof and a charge which includes a donor or acceptor substance, to a temperature above the melting point of substance.*

73067. Council of Scientific and Industrial Research. A process for the use of indigenous asbestos in the manufacture of asbestos cement sheets. Accepted on 27th November 1961.  
*Opening amphibole variety of asbestos fibres by treatment with a surface active agent.*

73292. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to circuit arrangements for controlling a cross-bar system consisting of at least two intercrossing groups of conductors. Accepted on 27th November 1961.  
*Switching means formed by a number of bistable trigger circuits being provided by which the conductors of at least one group are switched in a cyclic order of succession to a potential deviating from that of the non-switched conductors of this group and back thereto.*

73314. La Telemecanique Electrique. Monitoring device for polyphase power supply systems. Accepted on 27th November 1961.  
*Comprising a set of bimetal members equal in number to the system of phases arranged in parallel spaced relation in a common plane to flex away from said plane in response to temperature variations, a plate like element associated with each pair of adjacent ones of said bimetal members.*

73342. Elektro-Motoren AG. Alternating-current machine. Accepted on 28th November 1961.  
*Having at least one annular field coil arranged in the stator concentrically with the rotor axle and located in an annular hollow of which at least the boundaries disposed coaxially to each other are formed by at least one magnetically conductive part and include at least one row of spaced polepieces extending in the peripheral direction of the machine.*

73582. The British Oxygen Company Limited. Filter unit. (7th October 1959). Accepted on 25th November 1961.  
*Comprising a cylindrical vessel, a filter candle suspended within vessel, a fluid inlet opening tangentially into vessel, a fluid outlet opening within filter candle and a sleeve surrounding and spaced from filter candle.*

73602. T. C. Thompson. Horseshoe. Accepted on 22nd November 1961.  
*Having at least one groove therein whereof the floor is of such thickness as to be nail pierceable.*

73620. E. P. Bullard III. Variable speed transmission. Accepted on 25th November 1961.  
*A variable speed device is connected to epicyclic gearing to increase and decrease in speed relative to the base speed of its corresponding arrangement.*

73641. J. A. Eastwood. Improvements in or relating to low pressure oil burners. Accepted on 24th November 1961.  
*Comprising in combination an air nozzle having an oil supply reservoir mounted substantially centrally therein, with an air-swirling device mounted on and around oil supply reservoir in the annular space between oil supply reservoir and the internal surface of air nozzle.*

73714. W. H. Chapman. Preparation of steroids and more particularly progesterone. Accepted on 27th November 1961.  
*Hydrogenating 16-dehydropregnolone acetate in presence of a catalyst, saponifying the saturated compound obtained and subjecting the saponified product to oxidation with aluminium isopropoxide in a mixed organic solvent.*

73715. W. H. Chapman. Manufacture of hydrocortisone and other steroids. Accepted on 23rd November 1961.  
*Epoxidizing and acetyloyating 16-dehydropregnolone compound, brominating said epoxypregnolone acetate, subjecting the brominated compound to alcoholysis, iodinating the product, converting 21-iodo compound to  $\Delta^{+}16$ , 17-epoxy-pregnene-3-one, converting the  $\Delta^{+}16$ , 17-epoxy-group to 16-bromo and 17-hydroxy radical, de-brominating the resulting compound, saponifying the 21-acetoxy radical to alcoholic group and oxidizing said alcohol.*

73728. Siemens & Halske Aktiengesellschaft. Pulse shaper. Accepted on 25th November 1961.  
*Pulse shaper employing transistors, connected in push-pull circuits for separately producing odd and even harmonics of the fundamental frequency.*

74008. Associated Electrical Industries Limited. Fusing arrangement for electric incandescent lamps. (18th November 1959). Accepted on 28th November 1961.  
*Having a fuse contained within a glass sheath open at one end, and connected in series with the filament.*

74014. The Metal Box Company Limited. Improvements in or relating to the manufacture of hollow articles. (9th November 1959). Accepted on 27th November 1961.  
*Forming a slug of molten thermo plastic material into a parison closed at one end by a portion of predetermined thickness, extending the parison into a closed sectional mould to form therein a preform and introducing fluid under pressure into the preform to conform it to the shape of the interior of the mould.*

74029. The Glacier Metal Company Limited. Bearings and bearing materials. (21st September 1960). Accepted on 25th November 1961.  
*Comprising a steel backing having bonded to it a layer of porous bronze constituting a matrix, wherein the layer of bronze is impregnated with a mixture of P.T.F.E. and lead and/or an oxide of lead.*

74098. J. & J. Colman Limited. Process for the regrouping of sugars and sugar solutions. Accepted on 28th November 1961.  
*Subjecting a 10—15% aqueous solution of invert sugar to aerobic submerged fermentation by treatment with a mixture of glucose oxidase and catalase.*

74107. W. H. Chapman. Method for preparing steroids. Accepted on 23rd November 1961.  
*Forming oxime of 16-dehydropregnolone acetate subjecting the latter to beckmann rearrangement, followed by alcoholysis reaction to form 5 dehydro piandrosterone and then forming androgenic hormone by oppenauer oxidation followed by a reduction.*

74219. Siemen & Hinsch mbH. Improvements in or relating to impeller wheels. Accepted on 25th November 1961.  
*On the blade trailing edge is arranged a surface whose width is at least a third of the blade width, the cutting edge of said surface on the trailing side being parallel to a line through the two edges of the leading side.*

77395. Ciba Limited. Pharmaceutical preparations containing 2-pyridyl-indenes, N-oxides and salts of these compounds. [Divisional date 25th October 1960]. Accepted on 27th November 1961.  
*Comprising 2-pyridyl-indene in association with a pharmaceutical carrier.*

77882. Ciba Limited. 3, 4-dihydro-1, 2, 4-benzothiadiazine-1, 1-dioxides and process for manufacturing same. [Divisional date 23rd May 1960]. Accepted on 23rd November 1961.

Reducing a 1, 2, 4-benzothiadiazine-1, 1-dioxide.

#### Patents Sealed

62988. 68826. 68865. 69097. 69111. 69137. 69235. 69274. 69528. 69687. 69732. 69740. 69742. 69755. 69769. 69773. 69789. 69796. 69809. 69810. 69813. 69825. 69831. 69853. 69857. 69859. 69866. 69867. 69868. 69883. 69885. 69886. 69889. 69904. 69923. 69927. 69935. 69936. 69940. 69970. 70013. 70068. 70074. 70077. 70139. 70144. 70190. 70192. 70236. 70237. 70248. 70258. 70295. 70301. 70328. 70433. 70441. 70446. 70449. 70455. 70506. 70509. 70586. 70632. 70635. 70659. 70665. 70718. 70755. 70794. 70847. 70851. 70866. 70905. 70943. 71062. 71201. 71238. 71427. 71915. 75099. 75100. 75540.

#### Renewal Fees paid

29294. 29296. 36561. 36785. 36786. 38777. 38778. 38785. 38969. 39131. 39166. 39188. 39200. 40528. 40651. 40705. 40709. 40710. 41701. 41837. 41838. 42324. 42342. 42410. 42586. 42631. 42635. 42723. 42752. 43789. 44197. 44232. 44233. 44274. 44296. 44345. 44423. 44551. 44632. 44677. 45036. 45339. 45492. 45528. 45578. 45602. 46040. 46077. 46188. 46291. 46295. 46335. 46394. 46413. 46666. 46759. 47888. 47954. 48363. 48429. 48509. 48528. 48649. 48654. 48686. 48708. 48843. 48918. 49026. 49043. 49110. 49484. 50048. 50105. 50106. 50518. 50689. 50690. 50737. 50750. 50756. 50824. 50932. 50943. 50972. 51069. 51106. 51190. 51264. 51270. 51271. 51285. 51334. 51335. 51337. 51341. 51359. 51360. 52182. 52183. 53210. 53214. 53224. 53257. 53261. 53264. 53329. 53339. 53340. 53411. 53613. 53616. 53617. 53649. 53685. 53712. 53728. 53729. 53743. 53852. 55108. 55147. 55955. 55975. 55980. 55997. 56026. 56063. 56133. 56412. 56485. 56487. 56494. 56507. 56510. 56565. 56574. 56640. 56669. 58678. 58826. 58944. 58945. 59026. 59081. 59084. 59179. 59200. 59214. 59217. 59246. 59247. 59248. 59305. 59313. 59410. 59435. 59480. 59518. 59572. 59575. 59592. 59598. 59634. 59657. 59658. 59746. 59767. 60482. 60904. 61190. 61191. 61395. 61922. 61923. 61991. 62040. 62041. 62207. 62215. 62451. 62461. 62470. 62477. 62478. 62560. 62602. 62614. 62623. 62641. 62736. 62815. 62816. 62817. 62818. 62842. 62887. 62938. 62998. 63042. 63043. 63131. 63183. 63187. 63194. 63223. 63245. 63248. 63766. 63772. 64340. 64418. 64464. 64810. 64915. 65151. 65168. 65169. 65170. 65476. 65513. 65799. 65854. 66036. 66047. 66098. 66099. 66117. 66225. 66374. 66382. 66477. 66535. 66775. 66809. 66856. 67195. 67943. 70759. 70760. 70761. 71202. 72723. 72724. 73513.

#### Cessation of Patents

37959. 41829.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 109277. Ganga Sahai Sharma, and Rama Nand Sharma, Indian Nationals, Ram Gali, Rewari, District Gurgaon, Punjab, "Power press", May 20, 1961.

Class 1. No. 110512. Baumgartner Freres S.A., Schmelzstrasse 111, Grenchen/SO, Switzerland, a Swiss Corporation, "Table-clock", August 19, 1961.

Class 1. No. 110618. Kid Metal Halloware Manufacturing Works, 111, Commercial Road, Ambala Cantt. (Punjab), Indian Partnership concern, "Table-bell", September 4, 1961.

Class 1. No. 110619. Man Mohan Singh Bindra, Bindra Electric Stores, 2353, Chuna Mandi, Pahar Gunj, New Delhi, (Indian), "An electric iron", September 4, 1961.

Class 1. No. 110711. Krishnaji Daji Kulkarni (An Indian Citizen), Block No. 66, Shivaji Udyamnagar, Kolhapur, Maharashtra, India, "A cooker-cum-boiler", September 11, 1961.

Class 1. No. 110721. Dey Datta Lakhpal, Indian national, 15th Road, Khar, Bombay-52, State of Maharashtra, India "Electric irons", September 11, 1961.

Class 1. No. 110904. Tej Engineering Works, Sodal Road, Jullundur City in the State of East Punjab, Indian Partnership concern, "Foot valve", September 25, 1961.

Class 1. No. 111004. Prabhat Products Company, an Indian registered partnership firm, Noble Chambers, Parsee Bazaar Str., Bombay-1, Maharashtra, India, "A stove", September 27, 1961.

Class 1. No. 111060. Prabhat Products Company, an Indian registered Partnership firm, Noble Chambers, Parsee Bazaar Street, Bombay-1, Maharashtra, India, "A kettle", October 5, 1961.

Class 3. No. 111061. Nand Kishore Khanna & Sons, Joint Hindu Family firm (Indian firm), Vallabh Nagar, Borivali, Bombay, Maharashtra, "The tap-attachment as illustrated", October 5, 1961.

Class 3. No. 110502. The Supreme Industries Limited, a limited liability company, incorporated in India, 513, Kalbadevi Road, Bombay-2, Maharashtra, State, (India), "A toilet seat", August 18, 1961.

Class 3. No. 110503. The Supreme Industries Limited, a limited liability company, incorporated in India, 513, Kalbadevi Road, Bombay-2, Maharashtra State, (India), "A bucket", August 18, 1961.

Class 3. No. 110755. Chuni Lal Savara, 123 Mahatma Gandhi Road, Fort, Bombay, Maharashtra, India, Indian Citizen, "Telephone index", September 14, 1961.

Class 4. No. 110712. Jasker Corporation (An Indian Partnership firm), El "Bharatnagar", Grant Road, ground Floor, Bombay-7, Maharashtra, India, "A bottle", September 11, 1961.

Class 4. Nos. 110715 and 110716. Excel Cosmetics Corporation, 71, Canning Street, Calcutta-1, West Bengal, India, an Indian Partnership firm, "Bottles", September 11, 1961.

Class 5. No. 110578. Syed Zulfiqar Ahmed Rizvi, an Indian National, Mohalla Peerzada, Amroha, District Moradabad, Uttar Pradesh, "Wrappers", August 31, 1961.

Class 5. No. 110579. Sved Zulfiqar Ahmed Rizvi, an Indian National, Mohalla Peerzada, Amroha, district Moradabad, Uttar Pradesh, "Labels", August 31, 1961.

Class 5. 110599. Syed Sadiq Mian, an Indian National, Mohalla Gher Najjo Khan, P.O. Rampur, Uttar Pradesh, "Labels", September 2, 1961.

Class 5. No. 111031. Kiron Products Private Ltd., a Private Limited Company (Indian) duly incorporated under the Indian Companies Act, 1913, 110/1A, Amherst Street, Calcutta-9, West Bengal, "Label", September 30, 1961.

Class 5. No. 111032. Fulchand Agarwala, Indian Citizen, P.O. Dinhata, Dist. Coochbehar (West Bengal), India, "Wrappers", September 30, 1961.

Class 5. Nos. 111063 to 111068. Gravure Process Works, Indian firm, Homji Hall 88-F, Mazagaon Road, Bombay-10, Maharashtra, "Packing paper", October 5, 1961.

Class 13. Nos. 111052 to 111058. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E Parel Chawl Road, Lalbaug, Bombay 12, Nationality—Indian Business concern (Private Limited company), "Textile goods including silks and art-silk piece-goods", October 5, 1961.

Class 13. Nos. 111185 to 111190. Crown Spg. & Mfg. Co. Ltd., Gokhale Road, (South), Parel, Bombay 13, Indian, "Textile goods", October 20, 1961.

Class 13. Nos. 111316 to 111318 and 111320. Jalan Dyeing & Bleaching Mills, 95 Fergusson Road, Lower Parel, Bombay 13, Indian, "Textile goods", October 30, 1961.

Class 13. Nos. 111322 to 111324. The Sassoon Spinning & Weaving Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", October 30, 1961.

Class 13. No. 111343. The Asoka Mills Limited, Post Box No. 1050, Naroda Road, Ahmedabad, Indian Company, "Cotton textile fabrics", October 31, 1961.

Class 13. No. 111377. The Victoria Mills Limited, an Indian Company, De Lisle Road, Parel, Bombay-13, "Cotton piecegoods", November 3, 1961.

S. VENKATESWARAN  
Controller General of Patents, Designs  
and Trade Marks